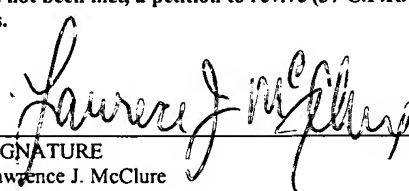


FORM PTO-1390 (REV 1-98)		U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE		ATTORNEY'S DOCKET NUMBER 81880.0149	
TRANSMITTAL LETTER TO THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US) CONCERNING A FILING UNDER 35 U.S.C. 371				U.S. APPLICATION NUMBER (if known, see 37 C.F.R. 1.52) 10/594515 Not assigned	
INTERNATIONAL APPLICATION NO. PCT/JP2004/019228		INTERNATIONAL FILING DATE December 22, 2004		PRIORITY DATE CLAIMED December 24, 2002	
TITLE OF INVENTION Ceramic Heater and Method for Manufacturing the Same					
APPLICANT(S) FOR DO/EO/US Hiroshi KUKINO, Hideaki SHIMOZURU, Satoshi TANAKA, Makoto MIDO and Masanori UEDA					
Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:					
<p>1. <input checked="" type="checkbox"/> This is a FIRST submission of items concerning a filing under 35 U.S.C. 371.</p> <p>2. <input type="checkbox"/> This is a SECOND or SUBSEQUENT submission of items concerning a filing under 35 U.S.C. 371.</p> <p>3. <input checked="" type="checkbox"/> This express request to begin national examination procedures (35 U.S.C. 371(f)) at any time rather than delay examination until the expiration of the applicable time limit set in 35 U.S.C. 371(b) and PCT Articles 22 and 39(1).</p> <p>4. <input type="checkbox"/> A proper Demand for International Preliminary Examination was made by the 19th month from the earliest claimed priority date.</p> <p>5. <input checked="" type="checkbox"/> A copy of the International Application as filed (35 U.S.C. 371(c)(2))</p> <p>a. <input type="checkbox"/> is transmitted herewith (required only if not transmitted by the International Bureau).</p> <p>b. <input checked="" type="checkbox"/> has been transmitted by the International Bureau.</p> <p>c. <input type="checkbox"/> is not required, as the application was filed in the United States Receiving Office (RO/US).</p> <p>6. <input checked="" type="checkbox"/> A translation of the International Application into English (35 U.S.C. 371(c)(2)).</p> <p>7. <input type="checkbox"/> Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3))</p> <p>a. <input type="checkbox"/> are transmitted herewith (required only if not transmitted by the International Bureau).</p> <p>b. <input type="checkbox"/> have been transmitted by the International Bureau.</p> <p>c. <input type="checkbox"/> have not been made; however, the time limit for making such amendments has NOT expired.</p> <p>d. <input type="checkbox"/> have not been made and will not be made.</p> <p>8. <input type="checkbox"/> A translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)).</p> <p>9. <input type="checkbox"/> An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)).</p> <p>10. <input type="checkbox"/> A translation of the annexes to the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371(c)(5)).</p>					
Items 11. to 16. below concern document(s) or information included:					
<p>11. <input checked="" type="checkbox"/> An Information Disclosure Statement under 37 C.F.R. 1.97 and 1.98.</p> <p>12. <input type="checkbox"/> An assignment document for recording. A separate cover sheet in compliance with 37 C.F.R. 3.28 and 3.31 is included.</p> <p>13. <input type="checkbox"/> A FIRST preliminary amendment.</p> <p><input type="checkbox"/> A SECOND or SUBSEQUENT preliminary amendment.</p> <p>14. <input type="checkbox"/> A substitute specification.</p> <p>15. <input type="checkbox"/> A change of power of attorney and/or address letter.</p> <p>16. <input type="checkbox"/> Other items or information:</p>					

U.S. APPLICATION NO. (if known, see 37 C.F.R. 1.5) <u>Not assigned</u>		INTERNATIONAL APPLICATION NUMBER PCT/JP2004/019228			ATTORNEY'S DOCKET NUMBER 81880.0149	
17. <input checked="" type="checkbox"/> The following fees are submitted: BASIC NATIONAL FEE (37 C.F.R. 1.492(a)(1)-(5)): Basic National Fee \$300 National Stage Search Fee \$400 National Stage Examination Fee \$200 <div style="text-align: right;">TOTAL FEE AMOUNT =</div>					CALCULATIONS PTO USE ONLY <hr/>	
					\$ 900.00	
Surcharge of \$130.00 for furnishing the oath or declaration later than <input type="checkbox"/> 20 <input type="checkbox"/> 30 months from the earliest claimed priority date (37 C.F.R. 1.492(e)).					\$ 130.00	
CLAIMS	NUMBER FILED	NUMBER ALLOWED	NUMBER EXTRA	RATE		
Total claims	23	20	3	X \$50.00	150.00	
Independent claims	6	3	3	X \$200.00	600.00	
MULTIPLE DEPENDENT CLAIM(S) (if applicable)				X \$360.00	0	
SIZE FEE 136 (TOTAL PAGES OF SPEC AND DRAWINGS TOGETHER)			\$250 for each additional 50 sheets	X \$250.00	250.00	
TOTAL OF ABOVE CALCULATIONS =					2030.00	
<input type="checkbox"/> Applicant claims small entity status. See 37 C.F.R. § 1.27. The fees indicated above are reduced by 1/2.						
SUBTOTAL =					2030.00	
Processing fee of \$130.00 for furnishing the English translation later than <input type="checkbox"/> 20 <input type="checkbox"/> 30 months from the earliest claimed priority date (37 C.F.R. 1.492(f)).					\$ 0	
TOTAL NATIONAL FEE =					2030.00	
Fee for recording the enclosed assignment (37 C.F.R. 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 C.F.R. 3.28, 3.31). \$40.00 per property +					\$ 0	
TOTAL FEES ENCLOSED =					2030.00	
\$					Amt. Refunded	\$
					Amt. charged	
a. <input checked="" type="checkbox"/> Check in the amount of <u>\$2030.00</u> to cover the above fee is enclosed. b. <input type="checkbox"/> Please charge my Deposit Account No. 50-1314 in the amount of _____ to cover the above fees. A duplicate copy of this sheet is enclosed. c. <input checked="" type="checkbox"/> The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. 50-1314. A duplicate copy of this sheet is enclosed.						
NOTE: Where an appropriate time limit under 37 C.F.R. 1.494 or 1.495 has not been met, a petition to revive (37 C.F.R. 1.137(a) or (b)) must be filed and granted to restore the application to pending status.						
SEND ALL CORRESPONDENCE TO: <input checked="" type="checkbox"/> Customer Number 000026021						
HOGAN & HARTSON L.L.P. 500 South Grand Avenue, Suite 1900 Los Angeles, California 90071 Phone: 213-337-6700 Fax: 213-337-6701				 SIGNATURE Lawrence J. McClure REG.NO. 44,228 Express Mail Label No. EV 691 880 201 US Date: June 23, 2006		

Transmittal Letter to the United States Designated Office (DO/US)—Entry Into National Stage under 35 U.S.C. 371—PTO 1390 [13-7]

10/584513

IAP2 Rec'd PCT/7/10 22 JUN 2006
PATENT 2006

Attorney Docket No: 81880.0149

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of:

Hiroshi KUKINO et al.

Serial No: Not assigned

Filed: June 23, 2006

For: Ceramic Heater and Method for Manufacturing the Same

Art Unit: Not assigned

Examiner: Not assigned

CERTIFICATE OF MAILING VIA U.S. EXPRESS MAIL

"Express Mail" Mailing Label No. EV 691 880 201 US

Date of Deposit: June 23, 2006

Mail Stop PCT

Commissioner for Patents

P.O. Box 1450

Alexandria, VA 22313-1450

Dear Sir:

I hereby certify that

- ☒ two copies of a letter of transmittal
- ☒ check in amount of \$ 2030.00 as filing fee, search fee, examination fee and size fee
- ☒ patent application (118 page(s) of specification; 23 claim(s); 1 page(s) of abstract
- ☒ 17 sheet(s) of formal drawings
- ☒ Information Disclosure Statement with 16 references
- ☒ return postcard

are being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service with sufficient postage under 37 C.F.R. § 1.10 on the date indicated above and are addressed to:

Mail Stop PCT

Commissioner for Patents

P.O. Box 1450

Alexandria, VA 22313-1450

Date: June 23, 2006

Hogan & Hartson, LLP

500 South Grand Avenue, Suite 1900


Los Angeles, California 90071

Telephone: 213-337-6700

Facsimile: 213-337-6701

Joanna Alonso

Name of person mailing papers


Signature